

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for producing a copy-protected audio compact disc, containing audio data samples of an audio signal, the method comprising the steps of:

selecting at least one audio data sample of the audio signal;

locating the data symbols representing said at least one audio data sample, said data symbols having error-correction codewords associated therewith;

overwriting said data symbols with erroneous symbols; and

disabling the error-correction of the error-correction codewords associated with said data symbols by altering at least one of a plurality of parity symbols in the codewords associated with said data symbols, thereby rendering said erroneous symbols uncorrectable.
2. (Original) The method as in claim 1, wherein said selecting at least one audio data sample selects a perfectly-concealable audio data sample having a previous audio data sample and a subsequent audio data sample, such that the value of said perfectly-concealable audio data sample corresponds to a linear interpolation between said previous audio data sample and said subsequent audio data sample.
3. (Original) The method as in claim 1, wherein said erroneous symbols correspond to superimposed impulses.

4. (Original) The method as in claim 1, wherein the audio compact disc has a plurality of sectors and said selecting at least one audio data sample selects at least one audio data sample within each of a group of sectors selected from said plurality of sectors.

5. (Currently amended) The method as in claim 1, wherein the step of altering the at least one of a plurality of parity symbols ~~error-correction of said error-correction codewords~~ comprises the step of overwriting at least one of said plurality of parity symbols with an arbitrary erroneous symbol.

6. (Currently amended) The method as in claim 1, wherein the step of altering the at least one of a plurality of parity symbols ~~error-correction of said error-correction codewords~~ comprises the step of erasing at least one of said plurality of parity symbols.

7. (Currently amended) A copy-protected audio compact disc, containing audio data samples of an audio signal each of said audio data samples having data symbols associated therewith, comprising:

at least one uncorrectable erroneous symbol, said at least one uncorrectable erroneous symbol ~~overwriting~~ being written to the disk in place of one of the data symbols representing at least one data sample of the audio signal; and

wherein ~~the error-correction codewords, associated with~~ said overwritten data symbol have error-correction codewords associated therewith, wherein said error-correction codewords further comprise at least one altered parity symbol contained within the error-correction codewords associated with said overwritten data symbol.

8. (Currently amended) The copy-protected audio compact disc as in claim 7, wherein said at least one altered parity symbol is an overwritten symbol; and wherein said at least one uncorrectable erroneous symbol represents latent noise.

9. (Currently amended) The copy-protected audio compact disc as in claim 7, wherein said at least one altered parity symbol is an erasure; and wherein said at least one uncorrectable erroneous symbol represents latent noise.

10. (Cancelled)

11. (Cancelled)

12. (Currently amended) The method as in claim 1, wherein said error-correction codewords comprise C1 and C2 codewords and wherein said step of disabling comprises:

locating the error-correction codewords associated with said data symbols;

selecting and altering a plurality of parity symbols in the C1 ~~error-correction~~ codeword codewords of said error-correction codewords corresponding to said data symbols;

selecting and altering a plurality of parity symbols in each of the C2 codewords corresponding to the altered plurality of parity symbols in each of the C1 ~~error-correction~~ codeword codewords; and

selecting and altering a second plurality of parity symbols in each of the C1 ~~error-correction~~ codewords of said error-correction codewords corresponding to each of the altered plurality of parity symbols in the C2 codewords.

13. (Currently amended) The disc as in claim 7, wherein said error-correction codewords comprise C1 and C2 codewords and wherein each of said error-correction codewords comprise:

a plurality of altered parity symbols in the C1 ~~error-correction-codeword~~
codewords of said error-correction codewords corresponding to said overwritten data symbol;

a plurality of altered parity symbols in each of the C2 codewords corresponding to the altered plurality of parity symbols in the C1 ~~error-correction-codeword~~codewords,

a second plurality of altered parity symbols in each of the C1 ~~error-correction~~
codewords of said error-correction codewords corresponding to each of the altered plurality of parity symbols in the C2 codewords.